HORTUS Analytical Solutions

Symbio LABORATORIES quality solutions assured

Providing reliable and timely agricultural analysis
to help you improve your farm's profitability.

Contact our Customer Service team today
to setup your account with Symbio Laboratories
admin@symbiolabs.com.au or **1300 703 166**

Service Guide & Price List

Prices valid from
Oct 1st 2026
Version 5

Soil Testing

SOIL ANALYSIS

Nutrient	SOIL1	SOIL2	SOIL3	SOIL4	SS1 (Sugar)	SS2 (Sugar)
Nitrate-N	✓	✓	✓	✓		✓
Phosphorus (Colwell)	✓	✓	✓	✓	✓	✓
Phosphorus (BSES)			✓	✓	✓	✓
Exchangeable Cations (Ca, Mg, Na, K)	✓	✓	✓	✓	✓	✓
Sulphate-S (MCP)		✓	✓	✓	✓	✓
pH (1:5 water)	✓	✓	✓	✓	✓	✓
EC (1:5 water)	✓	✓	✓	✓	✓	✓
Chloride	✓	✓	✓	✓		✓
Phosphorus Buffer Index (PBI)		✓	✓	✓	✓	✓
Organic Carbon (W&B)		✓	✓	✓	✓	✓
Organic Matter		✓	✓	✓	✓	✓
Cu, Fe, Mn, Zn (DTPA)		✓	✓	✓	✓	✓
Boron (hot $CaCl_2$)		✓	✓	✓		
Ammonium-N			✓	✓		✓
Aluminium (if pH is < 5.5)			✓	✓		
Silicon (BSES + $CaCl_2$)			✓	✓	✓	✓
Potassium (Nitric)					✓	✓
Total elements: S, P, K, Ca, Mg, Cu, Zn, Mn, Fe, B, Na, Mo, Co, Se				✓		
Calculations: Ca Cat %, K Cat %, Mg Cat %, ESP, CEC	✓	✓	✓	✓	✓	✓
Price (excl. GST) **Price (incl. GST)**	76.96 **84.66**	127.24 **139.97**	178.55 **196.40**	229.87 **252.85**	134.42 **147.86**	159.06 **174.96**

Minimum sample volume 500g for all SOIL samples
Expected TAT for all SOIL samples is **10 business days** from receipt in Brisbane
IMPORTANT: As of March 1st 2026, Symbio will no longer offer Optimal Levels
We advise customers to contact an agronomist for interpretation of soil results.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

Soil Testing

OTHER SOIL TEST PACKAGES

Package	Volume	Price ex GST	Price inc GST
CRS – Chemical Residue Screen / MRL (67 compounds)	500g	323.23	**355.55**
HMS – Heavy Metals screen (17 elements)	500g	282.43	**310.67**
TS1 - Total Elements S, P, K, Ca, Mg, Cu, Zn, Mn, Fe, B, Na, Mo, Co, Se	500g	51.31	**56.44**
SM1 – Soil Microbial Total bacteria count, Total fungal count, Total yeast count, Total Active Population Count, F:B ratio	500g	297.58	**327.34**

Minimum sample volume 500g for all SOIL samples
Expected TAT for all SOIL samples is **10 business days** from receipt in Brisbane.
IMPORTANT: As of March 1st 2026, Symbio will no longer offer Optimal Levels.
We advise customers to contact an agronomist for interpretation of water results.

Symbio LABORATORIES
quality solutions assured

Are you looking for more tests?

Our parent laboratory **Symbio Laboratories** has an extensive range of nutrient, environmental, chemistry and microbial testing available to suit your needs.

Please contact our Customer Service team in Brisbane at sales@symbiolabs.com.au or call **1300 703 166**.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

Irrigation Water Test

Nutrient	IW1
Sulfur, Phosphorus, Potassium, Calcium, Magnesium, Copper, Zinc, Manganese, Iron, Boron, Sodium, Molybdenum	✓
Nitrate-N, Chloride	✓
pH, Electrical Conductivity	✓
Calculations: Sodium Adsorption Ratio, Total Dissolved Solids, Hardness	✓
Price (excl. GST) **Price (incl. GST)**	66.69 **73.36**

Minimum 500mL sample volume for WATER (non-microbial) samples
Expected TAT for WATER (non-microbial) samples is **5 business days** from receipt in Brisbane.
IMPORTANT: As of March 1st 2026, Symbio will no longer offer Optimal Levels on reports.
We advise customers to contact an agronomist for interpretation of water results.

Water sample bottles – Sterile vs non-sterile?

Did you know? Microbial water tests must be collected and submitted in a sterile container to ensure an accurate result.

Please contact the Symbio Customer service team to order consumables. Make sure you advise our team of your intended tests; the ordered bottles should be either sterile for microbial water samples, or non-Sterile for all other types.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

Potable Water Test

POTABLE WATER ANALYSIS

Nutrient	PW1	PW2
Sulfur, Phosphorus, Potassium, Calcium, Magnesium, Copper, Zinc, Manganese, Iron, Boron, Sodium, Molybdenum	✓	✓
Nitrate-N, Chloride	✓	✓
pH, Electrical Conductivity	✓	✓
Cobalt, Selenium	✓	✓
Total Alkalinity		✓
Calculations: Sodium Adsorption Ratio, Total Dissolved Solids, Hardness	✓	✓
Price (excl. GST)	107.23	147.77
Price (incl. GST)	**117.95**	**162.55**

ADDITIONAL WATER TESTS

CRW – Chemical Residue Screen (MRL) 67 compounds in total	323.23	**355.55**
HMW – Heavy Metal Screen – 17 elements	184.71	**203.18**

Minimum 500mL sample volume for WATER (non-microbial) samples
Expected TAT for WATER (non-microbial) samples is **5 business days** from receipt in Brisbane.
IMPORTANT: As of March 1st 2026, Symbio will no longer offer Optimal Levels on reports.
We can instead provide a summary of the Australian Drinking Water guidelines.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

Microbial Testing

MICROBIAL WATER

ORGANISM	MA1	MA2	MA3	MA4	MA5
E. Coli	✓	✓	✓	✓	
Thermotolerant (faecal) coliforms	✓	✓			
Total Coliforms	✓	✓			
Plate Count	✓	✓		✓	
Salmonella spp.		✓			
Listeria spp.		✓			
Yeast & Mould					✓
Price (ex GST) **Price (inc GST)**	184.71 **203.18**	236.01 **259.61**	97.48 **107.23**	164.17 **180.59**	97.48 **107.23**

IMPORTANT: Microbial water samples should be provided in sterile bottle (minimum volume 400mL) and delivered same-day. For post or courier, you must refrigerate samples and package in a cooler box with ice bricks.

Symbio can provide sterile bottles to customers from our Bundaberg office.

Expected TAT for MICRO WATER samples is **3 business days** from receipt in Brisbane.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

Produce Testing

PRODUCE TESTS		
Nutrient	Price (excl. GST)	**Price (incl. GST)**
CR006A – Produce Chemical Residue Screen (MRL) – 575 compounds in total *(Previously called "CRP" – renamed to align with Symbio MRL suites)*	343.94	**378.33**
HMP - Heavy Metal Test – Lead & Cadmium only	159.06	**174.96**
F1 – Microbial Test – *E.coli* and *Salmonella*	164.17	**180.59**
F2 – Microbial Test – *E.coli*, *Salmonella* & *Listeria*	236.01	**259.61**
F3 – Microbial test – *E.coli*, *Salmonella*, *Listeria*, Total Coliforms & Thermotolerant Coliforms	287.33	**316.06**
F4 – Microbial Test - *E.coli*, *Salmonella*, *Listeria*, Total Coliforms, Thermotolerant Coliforms & Plate Count	328.48	**361.32**

1kg produce is required for all chemical residue, heavy metal and microbial testing.
Expected TAT is **5 business days** for CRP/HMP and **3 business days** for microbial from receipt in Brisbane.

Sap and Dry Tissue

From 1st March 2026, Hortus and Symbio Laboratories will no longer offer SAP or DRY TISSUE testing.

We advise customers who rely on SAP or DRY TISSUE (also commonly called PLANT TISSUE) testing to contact **EAL** - Environmental Analysis Laboratory - in Lismore NSW. EAL may be able to quote and provide similar packages for your Sap and Dry Tissue testing needs.

Contact our Customer Service team to setup your account with Symbio.
admin@symbiolabs.com.au or 1300 703 166

SAMPLE SUBMISSION QUICK GUIDE

Step 1: Contact our Customer Service team at admin@symbiolabs.com.au or 1300 703 166 to setup your account with Symbio.

If you're an existing Hortus customer, we may already have your details on record.

For new customers, we will need your business and contact details to create a new account.

Step 2: For sample submission, we recommend using the Hortus ARF (Analysis Request Form). The customer service team can provide an ARF template during account setup.

Step 3: Ensure your sample has been collected in accordance with the sample requirements including the required weight or volume of sample materials.

ALL samples must be clearly labelled and should be accompanied with ARF paperwork with sample and testing details, contact details (including email & phone) to avoid delays in testing.

Step 4: For fastest turnaround, we recommend sending your Hortus samples directly to our parent lab Symbio Laboratories (Brisbane):

Australia Post or Courier
Symbio Laboratories
52 Brandl St
Eight Mile Plains QLD 4113

Samples can also be dropped at the Toll / TeamGE office in Bundaberg
110 Enterprise Street
Svensson Heights QLD 4670

IMPORTANT: Microbial water samples should be delivered same-day; or post/courier microbial water samples should be refrigerated and packaged in cooler box with ice bricks.
We recommend sending sensitive samples at the start of the week to avoid transit delays.